

# AEM report from SeaQuest

Andrew Chen

*U. of Michigan*

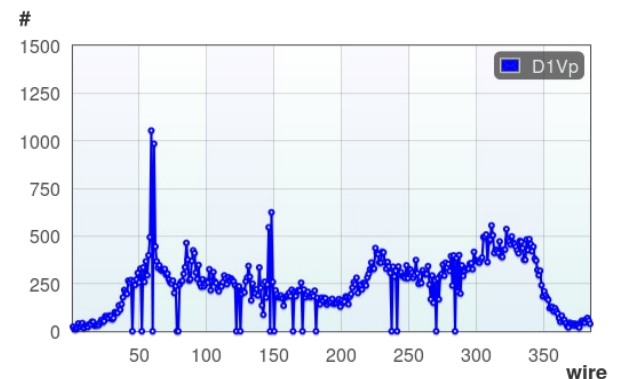
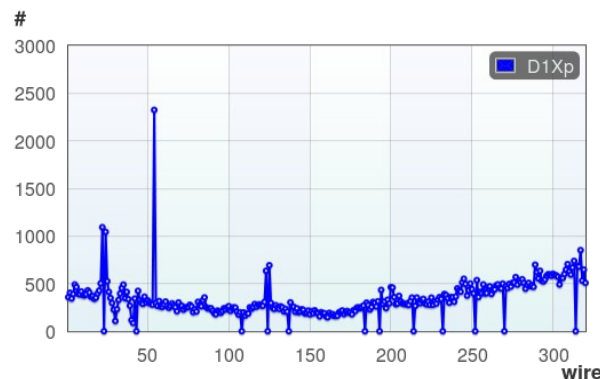
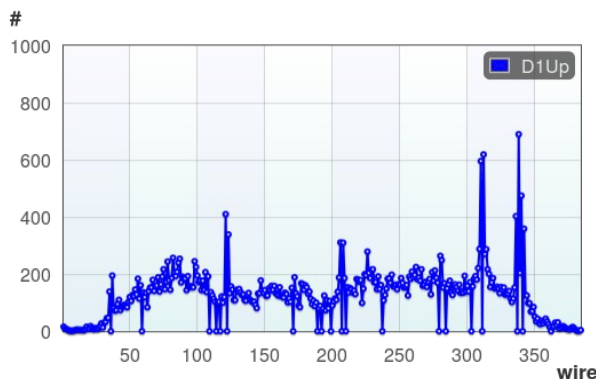
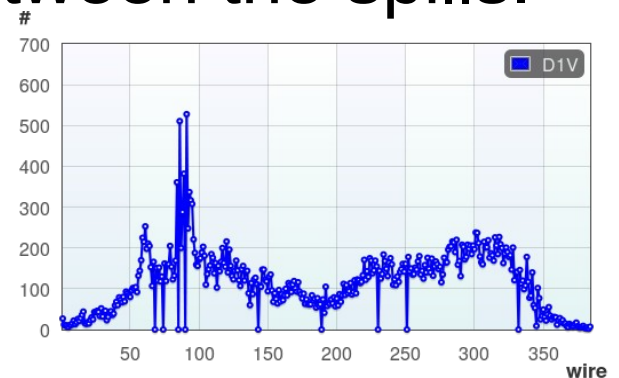
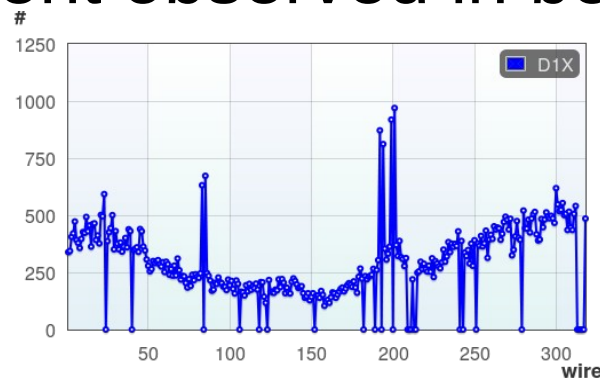
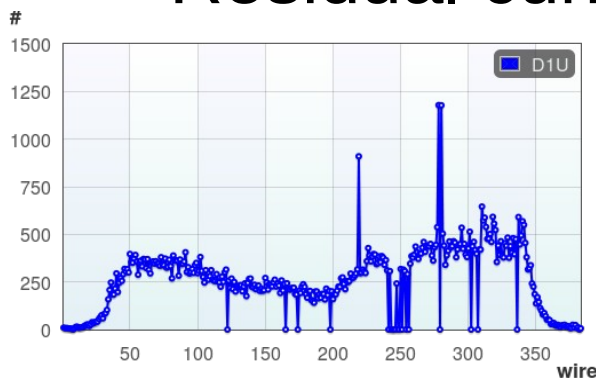
For the SeaQuest collaboration

# Status of beam

- Beam was stopped due to radiation problem.
  - Turned out to be lead bricks being left at the entrance of the FMAG hole. These bricks were meant to protect people working in the target cave during shutdown.
  - These bricks were hot in radiation.
- Joel M. Fulgham of the AD removed them and set them aside.
  - Thank you so much from the E906!
- The experiment got permission to have beam back right afterward.

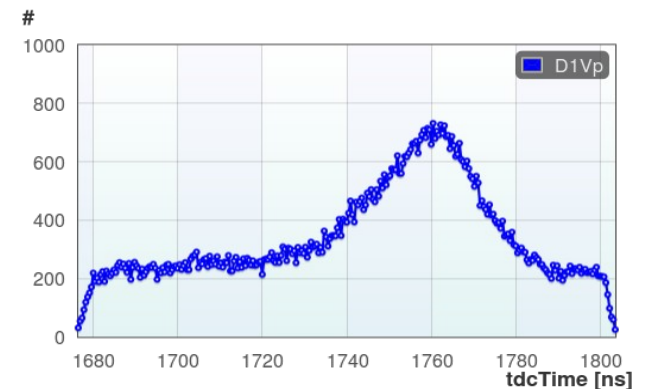
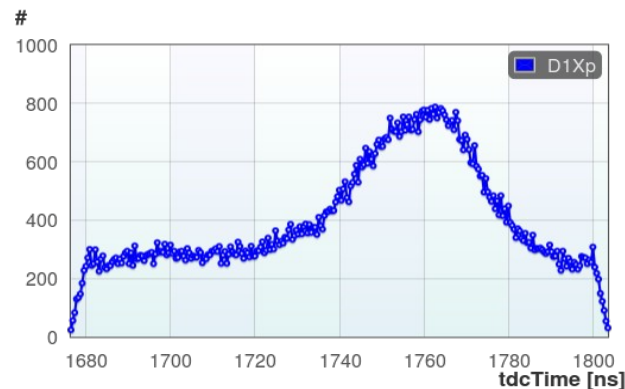
# Station 1 chamber

- Chamber is getting close to full operation,  
-1682V during spill.
  - To raise it higher needs more effort.
  - Residual current observed in between the spills.



# Station 1 chamber

- TDC time distribution shows timing issue in readout, bad connection?



# Other activities

- Fine tuning of the HV of all hodoscope counters is in progress.
- Trigger system was troubled due to two broken fan-in/fan-out modules; fixed.
- Data taken with K MAG off for alignment of all detectors, as well as for detector efficiency.
- Gradually bring the beam to the intensity needed by the experiment.